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(FILE 'HOME' ENTERED AT 08:49:35 ON 12 JUL 2006)

FILE 'REGISTRY' ENTERED AT 08:49:40 ON 12 JUL 2006

L1 STRUCTURE UPLOADED

D

L2 45 SEA SSS FUL L1

D

FILE 'MARPAT' ENTERED AT 08:53:02 ON 12 JUL 2006

L*** DEL 0 791062-86-7/RN

FILE 'HCAPLUS, USPATFULL, USPAT2, TOXCENTER, MEDLINE, EMBASE, BIOSIS'
ENTERED AT 08:53:30 ON 12 JUL 2006

L3 11 SEA PLU=ON L2

L4 10 DUP REM L3 (1 DUPLICATE REMOVED)

ANSWERS '1-9' FROM FILE HCAPLUS

ANSWER '10' FROM FILE USPATFULL

D L4 1-10 IBIB HITSTR

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 11 JUL 2006 HIGHEST RN 892124-43-5

DICTIONARY FILE UPDATES: 11 JUL 2006 HIGHEST RN 892124-43-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

FILE MARPAT

FILE CONTENT: 1961-PRESENT VOL 145 ISS 2 (20060707/ED)

SOME MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1961-1987

MOST RECENT CITATIONS FOR PATENTS FROM MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 2006118302 08 JUN 2006

DE 102004052060 27 APR 2006

EP 1650181 26 APR 2006

JP 2006111933 27 APR 2006

WO 2006053912 26 MAY 2006

GB 2419093 19 APR 2006

07/12/2006

FR 2877004 28 APR 2006
RU 2273632 10 APR 2006
CA 2518664 10 MAR 2006

Expanded G-group definition display now available.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

FILE HCAPLUS
FILE COVERS 1907 - 12 Jul 2006 VOL 145 ISS 3
FILE LAST UPDATED: 11 Jul 2006 (20060711/ED)

FILE USPATFULL
FILE COVERS 1971 TO PATENT PUBLICATION DATE: 11 Jul 2006 (20060711/PD)
FILE LAST UPDATED: 11 Jul 2006 (20060711/ED)
CA INDEXING IS CURRENT THROUGH 11 Jul 2006 (20060711/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 11 Jul 2006 (20060711/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2006

FILE USPAT2
FILE COVERS 2001 TO PUBLICATION DATE: 11 Jul 2006 (20060711/PD)
FILE LAST UPDATED: 11 Jul 2006 (20060711/ED)
CA INDEXING IS CURRENT THROUGH 11 Jul 2006 (20060711/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 11 Jul 2006 (20060711/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2006

FILE TOXCENTER
FILE COVERS 1907 TO 11 Jul 2006 (20060711/ED)

FILE MEDLINE
FILE LAST UPDATED: 11 JUL 2006 (20060711/UP). FILE COVERS 1950 TO DATE.

FILE EMBASE
FILE COVERS 1974 TO 11 Jul 2006 (20060711/ED)

FILE BIOSIS
FILE COVERS 1969 TO DATE.
RECORDS LAST ADDED: 5 July 2006 (20060705/ED)

=> d que sta

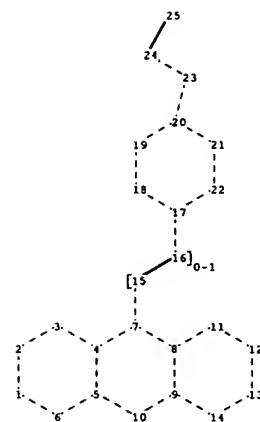
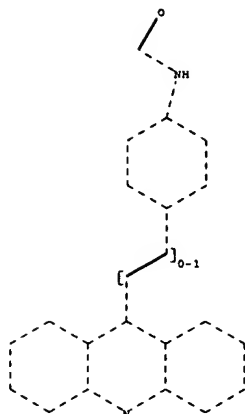
L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

L2 45 SEA FILE=REGISTRY SSS FUL L1
L3 11 SEA L2
L4 10 DUP REM L3 (1 DUPLICATE REMOVED)

H:\STN queries\t1.str



```
chain nodes :
  15 16 23 24 25
ring nodes :
  1 2 3 4 5 6 7 8 9 10 11 12 13 14 17 18 19 20 21 22
chain bonds :
  7-15 15-16 16-17 20-23 23-24 24-25
ring bonds :
  1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 8-11 9-10 9-14 11-12
  12-13 13-14 17-18 17-22 18-19 19-20 20-21 21-22
exact/norm bonds :
  1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 7-15 8-9 8-11 9-10 9-14
  11-12 12-13 13-14 16-17 17-18 17-22 18-19 19-20 20-21 20-23 21-22
  23-24 24-25
exact bonds :
  15-16
```

```
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:Atom
18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:CLASS 24:CLASS 25:CLASS
```